

CITY OF HAYWARD
AGENDA REPORT

AGENDA DATE 07/24/01

AGENDA ITEM 4

WORK SESSION ITEM _____

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT: Traffic Signal Installation on West Tennyson Road at Oliver Drive: Approval of Plans and Specifications and Call for Bids

RECOMMENDATION:

It is recommended that the City Council approve the attached resolution approving the plans and specifications for the Traffic Signal Installation on West Tennyson Road at Oliver Drive and calling for bids to be received on August 28, 2001.

DISCUSSION OR BACKGROUND:

This project installs a traffic signal system at the intersection of West Tennyson Road at Oliver Drive and installs a signal-interconnect to the traffic signal at Hesperian Boulevard and West Tennyson Road. The traffic signal has been identified as a high priority on the Traffic Signal Priority List and has received a Federal Hazard Elimination Safety (HES) grant. However, in order to address concerns regarding the appropriateness of another traffic signal on W. Tennyson Road at this "T" intersection, our design consultant was required to re-evaluate the intersection to include the possible use of pedestrian-activated lighted crosswalks. In his analysis of using pedestrian-activated lighted crosswalks, the consultant noted that these new devices are most appropriate for low speed streets of four or fewer lanes and typically are used in central business districts. Also, they are warning devices and not mandatory traffic control devices. The consultant's conclusion was that while useful, pedestrian-activated lighted crosswalks are not appropriate for this location. His analysis also confirmed that a traffic signal is warranted here based on four-hour volumes, which essentially means conflict during peak periods, and he concluded that it was the most appropriate control measure for this particular intersection.

The project is categorically exempt under the "Minor Alteration of Existing Facilities" section of the California Environmental Quality Act Guidelines. Additionally, the Local Assistance Branch of Caltrans concurs that the project is categorically excluded from the National Environmental Policy Act.

The federal Disadvantaged Business Enterprise (DBE) program applies because the project is primarily funded with federal funds. Under the federal program, there is no separate category for Women Business Enterprises (WBE) and the single goal can be met with any combination of DBEs or WBEs. The established goal for this project is 12 percent, which is based on staff's evaluation of available subcontracting opportunities for this project and an analysis as to which portion of the subcontracting would be reasonable to set aside for DBE participation.

PROJECT COST:

The estimated costs for the project are as follows:

Contract Construction Costs	\$ 142,000
Consultant Design & Construction Support	18,000
Design and Administration	9,000
Inspection, Survey, and Testing	6,000
City Furnished Equipment	15,000
Total Project Costs	<u>\$ 190,000</u>

FUNDING:

The 2001/2002 Capital Improvement Program includes \$190,000 in the Transportation System Improvement Fund for this project. The City will be reimbursed \$150,000 by federal funds.

SCHEDULE:

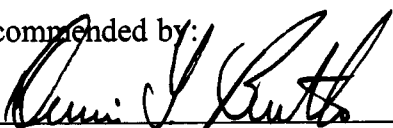
Advertise	July 24, 2001
Receive Bids	August 28, 2001
Award	September 25, 2001
Begin Work	February 19, 2002
Complete Work	April 17, 2002

The delay between the project award and the construction start is because of an anticipated four-month waiting period between ordering and delivery of the traffic signal equipment.

Prepared by:


Robert A. Bauman, Deputy Director of Public Works

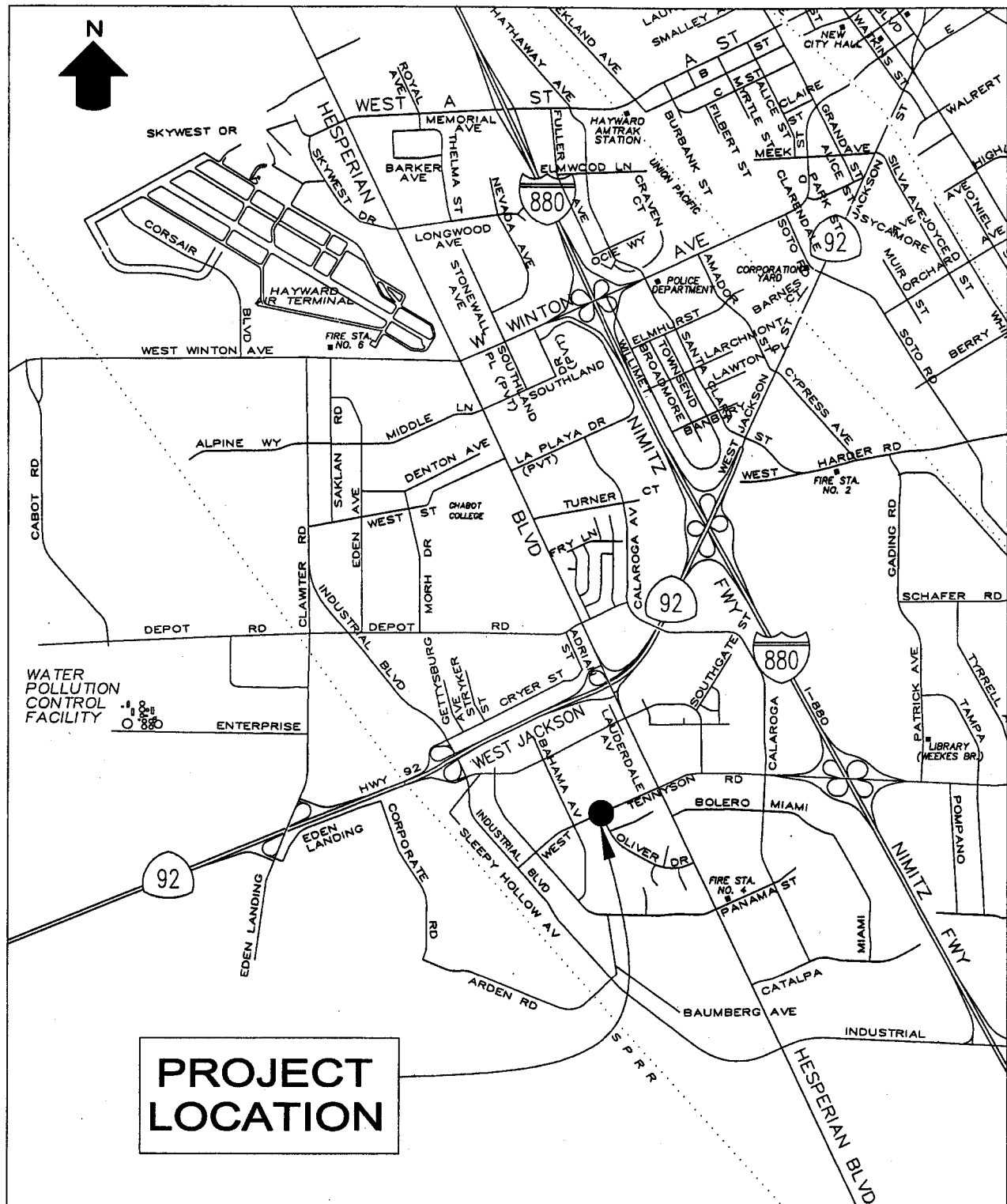
Recommended by:


Dennis L. Butler, Director of Public Works

Approved by:


Jesús Armas, City Manager

Exhibits: Exhibit A: Location Map



LOCATION MAP
TRAFFIC SIGNAL INSTALLATION
WEST TENNYSON RD. AT OLIVER DR.
PROJECT NO. 5747

Exhibit A

DRAFT

HAYWARD CITY COUNCIL

RESOLUTION NO. _____

Introduced by Council Member _____

RESOLUTION APPROVING PLANS AND SPECIFICATIONS FOR TRAFFIC SIGNAL INSTALLATION ON WEST TENNYSON ROAD AT OLIVER DRIVE, PROJECT NO. 5747, AND CALL FOR BIDS

BE IT RESOLVED by the City Council of the City of Hayward as follows:

1. That those certain plans and specifications for Traffic Signal Installation on West Tennyson Road at Oliver Drive, Project No. 5747 on file in the office of the City Clerk, are hereby adopted as the plans and specifications for the project; and
2. That the City Clerk is hereby directed to cause a notice calling for bids for the required work and material to be made in the form and manner provided by law; and
3. That sealed bids therefor will be received by the City Clerk's office at City Hall, 777 B Street, Hayward, California 94541-5007, up to the hour of 2:00 p.m. on Tuesday, August 28, 2001, and immediately thereafter publicly opened and declared by the City Clerk in Conference Room 4D, City Hall, Hayward, California; and
4. That the City Council will consider a report on the bids at a regular meeting following the aforesaid opening and declaration of same.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 2001

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

IN COUNCIL, HAYWARD, CALIFORNIA _____, 2001

ADOPTED BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST: _____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward